

Title (en)

Emulsion explosive containing density reducing agent.

Title (de)

Dichtevermindernde Mittel enthaltender Emulsionssprengstoff.

Title (fr)

Explosif en émulsion contenant un agent de réduction de la densité.

Publication

**EP 0320182 A1 19890614 (EN)**

Application

**EP 88311459 A 19881202**

Priority

US 12809687 A 19871203

Abstract (en)

An explosive is disclosed which has a water-immiscible organic fuel as a continuous phase, an emulsified aqueous inorganic oxidizer salt solution as a discontinuous phase; an emulsifier and a solid density reducing agent. The emulsifier is a derivative of polypropene or polybutene, and expanded organic microspheres having a nonpolar surface and comprising homo-, co-, or ter- polymers of vinyl monomers are used as the density reducing agent.

IPC 1-7

**B01F 17/16; C06B 47/14**

IPC 8 full level

**C06B 47/00** (2006.01); **C06B 47/14** (2006.01); **C09K 23/00** (2022.01); **C09K 23/40** (2022.01)

CPC (source: EP US)

**C06B 47/00** (2013.01 - EP US); **C06B 47/145** (2013.01 - EP US); **C09K 23/00** (2022.01 - EP US); **C09K 23/16** (2022.01 - EP US)

Citation (applicant)

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- GB 2187182 A 19870903 - ICI AUSTRALIA LTD
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Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

**EP 0320182 A1 19890614**; AU 2445288 A 19890608; AU 601882 B2 19900920; BR 8806383 A 19890822; CA 1328351 C 19940412; IN 172232 B 19930515; JP 2942266 B2 19990830; JP H01188486 A 19890727; MW 5288 A1 19890510; NO 171550 B 19921221; NO 171550 C 19930331; NO 884508 D0 19881010; NO 884508 L 19890605; US 4820361 A 19890411; ZA 888510 B 19890830; ZW 15688 A1 19890301

DOCDB simple family (application)

**EP 88311459 A 19881202**; AU 2445288 A 19881027; BR 8806383 A 19881202; CA 581987 A 19881102; IN 736MA1988 A 19881025; JP 30234988 A 19881201; MW 5288 A 19881117; NO 884508 A 19881010; US 12809687 A 19871203; ZA 888510 A 19881114; ZW 15688 A 19881123